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12/21/01

December 21, 2001

ATTORNEY DOCKET NO. 06720.0079  
CUSTOMER NUMBER: 22,852

**Box PATENT APPLICATION**  
**Assistant Commissioner for Patents**  
**Washington, D.C. 20231**

Re: New U.S. Patent Application  
Title: MIXED TIME AND FREQUENCY DOMAINS  
EQUALIZATION ALGORITHM FOR ADSL SYSTEMS  
Inventor(s): CHIH-CHI WANG ET AL.

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application - 26 pages, including 4 independent claims and 27 claims total.
2. Drawings - 9 sheets of formal drawings (Figures 1-9).

Assistant Commissioner for Patents  
December 21, 2001  
Page 2

The filing fee is calculated as follows:

Basic Application Filing Fee				\$740	\$ 740.00
	Number of Claims	Basic	Extra Claims		
Total Claims	27	-	20	7	x \$18 126.00
Independent Claims	4	-	3	1	x \$84 84.00
[ ] Presentation of Multiple Dep. Claim(s)				+\$270	
					Subtotal \$ 950.00
Reduction by 1/2 if small entity					-
					TOTAL APPLICATION FILING FEE \$ 950.00

3. A check for \$990.00 is enclosed. The fee includes:

\$ 740.00 filing fee;  
\$ 210.00 additional claim fee;  
\$ 40.00 Recordation Fee

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,  
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This application is being filed under the provisions of 37 C.F.R. § 1.53(f).  
Applicant awaits notification from the Patent and Trademark Office of the time set for  
filing the Declaration.

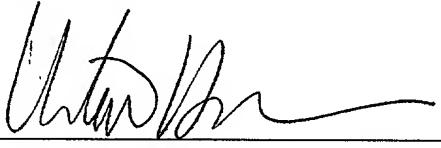
Please accord this application a serial number and filing date.

Assistant Commissioner for Patents  
December 21, 2001  
Page 3

The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or § 1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By:   
Yitai Hu  
Reg. No. 40,653

YH:pwl  
Enclosures